


From: McGrath 
Subject: FW: Vacuum Gauge/ Analytical Questions
Date: August 9, 2018 at 9:50 AM
To: Keith, Glenn (DEP) Glenn.Keith@MassMail.State.MA.US



Glenn,

See answers to questions below. Attached is the first quarter of Roxbury and Lynn Data. In these cases, it doesn't look like Benzene at either site gets below 0.1 ppbv, even if Toluene is very low. In the ambient air, there should be a ratio where Toluene is much higher than Benzene and Xylenes, which has been observed so far at Fore River. Rhode Island does claim lower MDLs than Alpha. I do have a plan to cross-compare, which I will discuss with you tomorrow.

From: Chris Anderson [mailto:canderson@alphalab.com]
Sent: Wednesday, August 08, 2018 6:07 PM
To: McGrath, Thomas (DEP)
Subject: Re: Vacuum Gauge/ Analytical Questions

Thomas,

- 1) the reporting limits are based on the MCP CAM and the laboratory's Method Detection Limit Studies.
- 2) Acrolein is not a MCP target compound.
- 3) Siloxanes are from the site and are common in consumer products.

Best regards,
Chris

On Wed, Aug 8, 2018 at 2:37 PM, McGrath, Thomas (DEP)

<thomas.mcgrath@state.ma.us> wrote:

The person covering for me last week (Anthony Pikul) informed me that he shipped the project vacuum gauge back with the samples collected on August 1. The August 7 samples are ready and our last sampling event will be on August 12 and 13. No apparent sampling issues except the mis-recording of the can number on July 7.

I also left you a voicemail regarding some technical questions about the results (mostly from data users).

1. Why is the Benzene RL at 0.1 ppbv, while the other BTEX'S are 0.05 ppbv or below.
2. I was asked why Acrolein is not on the target list. (I do remember that it is difficult to quantify in canisters.)
3. Are the siloxane and related compounds most likely artifacts from cans or analyses? I didn't see them in the Blank.

Thanks.

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Lynn Toxics
2018 Qtr 1.xlsx



Rox Toxics 2018
Qtr 1.xlsx